

54527 and 54528—Continued.**54528. ANNONA PURPUREA** Moc. and Sesse. Annonaceæ. **Soncoya.**

"Procured September 18, 1921, from a tree growing beside the path leading to the cove from the Hotel Aspinwall, Taboga.

"The fruit is apparently little appreciated by the people, for it is left to rot on the ground. Some of them were 5 or 6 inches in diameter and very attractive looking, but the flesh was so fibrous and it had so little character that I doubt whether it would be worth growing for its own sake. The gorgeous orange-yellow color of the fruit flesh, however, may make it of value as a species for breeding purposes."

54529. CARICA sp. Papayaceæ.

From Rio Pescado, Panama. Seeds collected by Graham Fairchild. Received October 4, 1921.

"At first glance this fruit resembles the ordinary wild papaya, *Carica papaya*, but on examination it proves to be an entirely different thing. It is rather typically papaya shaped, with more pronounced grooves, not as deep, however, as those of the mountain papaw, *Carica candamarcensis*, of a golden yellow color, very attractive, and has a faint and very pleasant aroma. The fruits are of a peculiarly uniform size and shape. The interior is filled with a white frothy arillus around the seed; this arillus is acidulous in character but without very much flavor. The flesh of the fruit is thin and has little flavor; the fruit as it stands is comparatively worthless. The leaves, instead of being lacinate, are almost entire. The texture of the leaves seems to be harsher than that of the papaya. The tree grows to be about 20 inches high, I should judge. From the low lands near the river." (*David Fairchild.*)

Fruits of this papaya are shown in Plate II.

54530 to 54536.

From Panama. Seeds collected by Dr. David Fairchild, Agricultural Explorer in Charge of the Office of Foreign Seed and Plant Introduction. Received October 4, 1921. Quoted notes by Doctor Fairchild.

54530. CARYOPHYLLUS MALACCENSIS (L.) Stokes. Myrtaceæ. **Ohia.**
(*Eugenia malaccensis* L.)

"Seeds from beneath trees cultivated by the late Enrique Lewis at his place on the Sabana, Panama. Gathered September 17, 1921.

"The fruit is much esteemed by members of Mr. Lewis's family and by others, and I had the pleasure of tasting preserves made from it which seem to have a characteristic flavor of some merit. When in flower, the branches of this tree are gorgeous, covered as they are with masses of large flowers an inch or so across, composed of hundreds of beautiful deep rose-pink or crimson stamens. The tree itself is a beautiful ornamental, and it would seem as though more work in the selection of this species should be attempted. The remarkable structure of the seeds suggests a high degree of polyembryony. When the seed germinates (as many of them were doing under the tree) the whole, large, brilliant-green seed seemed to break up into fragments."

For previous introduction, see S. P. I. No. 26412.

54531. CAPSICUM ANNUUM L. Solanaceæ. **Pepper.**

"Seeds of a brilliant-yellow pepper grown in Panama. Collected September 15, 1921. This specimen was collected on the Chillibrillo River at a native Panaman hut. The owner of the plant described it as being 'hot as a candle.' In reality it is a rather mild, almost sweet pepper."

54532. SPONDIAS MOMBIN L. Anacardiaceæ. **Yellow mombin.**

"Seeds of the *jobo* or *yellow mombin*, presented by Mr. Zetek, of Panama, September 19, 1921.

"Few fruit trees which I have ever seen are more heavily laden with fruits than this *jobo*. It is a favorite fruit of the children of Panama, and everywhere at this season of the year you find children throwing sticks at the trees to knock down the *jobos*. The fruits vary tremendously in flavor and amount of fruit flesh, also in the texture of the skin